



DEFENSE LOGISTICS AGENCY

LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

December 16, 2013

Ms. Kelley Price
International Rectifier
205 Crawford St.
Leominster, MA 01453

Dear Ms. Price:

Re: Notification of Re-Qualification; MIL-PRF-19500P, FSC 5961; VQ (VQE-14-027359);
CAGE 69210; Ctrl # 041384

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device JANSF2N7626UBCN to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /745D. This qualification was requested as a yield improvement initiative which required a redesign. This test report will supersede previous test report 19500-2700-10. Therefore, your product will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The starting wafer lot number is 100FKQV.1. The effective date of this qualification is December 10, 2013 and starting lot date code 1336.

The qualified thermal impedance conditions for conformance inspection and screening limit are as follows: $V_H = 10V$, $I_m = 10mA$, $I_H = 12A$, $P_t = 30\mu s$, $t_{MD} = 30\mu sec$, ΔV_{sd} Limit = 88mV maximum, QCI $\Delta 15\%$

Government Designation	ESD Class <u>6</u> /	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
SF 2N7626UB;UBC; UBN; UBCN	1A	CCBS	19500-4066-14	/745	Same as above
					Plant (1): HEXFET America 41915 Business Park Dr. Temecula, CA 92590 (Wafer Fabrication)
<u>6</u> Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3					
S Includes JANS quality level only					

This qualification approval is based upon the test report number 19500-4066-14 for your die & package, your letter dated December 2, 2013, and subsequent emails and data. This qualification is subject to the conditions as stated in the SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product.

If you have any questions concerning this letter, please contact Mr. Carl DelloStritto (614) 692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division

